

What is claimed is:

1. A globe apparatus for showing rotation and revolution, the apparatus comprising:

a base to which one end of at least one support rod is fixed and one end of a revolution axis is rotatably fixed;

a support arm fixedly coupled with the support rod;

an Earth globe rotatably coupled with the support arm at two confronting points of the Earth globe with an inclination, and rotating; and

a revolution unit placed inside the Earth globe and revolving relative to the two confronting points with coupled with the revolution axis, and showing day and night separately according to the rotation of the Earth globe.

2. The globe apparatus of claim 1, wherein the Earth globe rotates with gear-coupled with a rotation axis rotated by a driving motor.

3. The globe apparatus of claim 1, further comprising an inferior planet revolution orbit unit which is provided at the center of the base, and includes an orbit of the Earth revolving with gear-coupled with the revolution axis and having a model of the Earth.

4. The globe apparatus of claim 3, wherein the inferior planet revolution orbit unit comprises a model of the Sun at its center, an orbit of the Mercury including a model of the Mercury, and an orbit of the Venus including a model of the Venus around the model of the Sun and inside the orbit of the Earth, the orbit of the Mercury, the orbit of the Venus, and the orbit of the Earth revolving individually.

5. The globe apparatus of claim 1, further comprising a display which is installed on the base, and displays information transmitted from a user

computer related with the rotation location of the Earth globe and the revolution location of the revolution unit.

6. The globe apparatus of claim 1, wherein the revolution unit comprises:
a disc-shaped day-and-night division plate spaced apart by a constant interval from the internal surface of the Earth globe;

a coaxially cylindrical-shaped housing integrally formed with a lower part of the day-and-night division plate, and having a gear body therein, the gear body being coupled with a revolution gear of the revolution axis;

an optical source provided on both sides of a center of the day-and-night division plate; and

a bearing unit provided on uppermost and the lowest ends of the day-and-night division plate, and applying pressure to the inner surface of the Earth globe to function as a rotation pivot of the revolution unit.

7. The globe apparatus of claim 1, wherein the support arm has an inner space for a power line and a control line, the Earth globe has a dual shell to form an inner space between the dual shells, which a location indicating lamp is provided in, and the power line and the control line are extended into.

8. A globe apparatus for showing rotation and revolution comprising:

a base to which a first support rod and a second support rod accommodating a rotation axis therein are fixed, and to which one end of a revolution axis is rotatably fixed;

a ring-shaped support arm fixedly coupled to the first support rod and the second support rod;

an Earth globe rotatably coupled with the support arm at two confronting points with an inclination, and rotating on the rotation axis;

a revolution unit placed inside the Earth globe and revolving relative to the two confronting points with coupled with the revolution axis, and showing

day-and-night state of the Earth globe separately according to the rotation of the Earth globe by using an optical source; and

an inferior planet revolution orbit unit installed at the center of the base, and having a model of the Sun at its center, an orbit of the Mercury including a model of the Mercury, an orbit of the Venus including a model of the Venus, and an orbit of the Earth including a model of the Earth around the model of the Sun, the orbit of the Mercury, the orbit of the Venus, and the orbit of the Earth revolving independently and located closely with each other.

9. A globe apparatus for showing rotation and revolution, the apparatus comprising:

a base to which one end of at least one support rod is fixed and one end of a revolution axis is rotatably fixed;

a ring-shaped support arm fixedly coupled to the support rod;

an Earth globe rotatably coupled with the support arm at two confronting points of a south pole and a north pole with an inclination, and rotating;

a revolution unit placed inside the Earth globe and revolving relative to the two confronting points with coupled with the revolution axis, and showing day-and-night state of the Earth globe separately according to the rotation of the Earth globe by using an optical source; and

a driving unit being coupled with the Earth globe at the north pole of the Earth globe, and having a driving motor provided therein, a motor axis of the driving motor being coupled with the north pole only of the Earth globe.

10. A globe apparatus for showing rotation and revolution comprising:

a base to which one end of at least one support rod is fixed and one end of a revolution axis is rotatably fixed;

a support arm fixedly coupled to the support rod;

an Earth globe rotatably coupled with the support arm at two confronting points of the Earth globe with an inclination, and rotating;

a revolution unit placed inside the Earth globe and revolving relative to the two confronting points with coupled with the revolution axis, and showing day and night separately according to the rotation of the Earth globe; and

an inferior planet revolution orbit unit installed at the center of the base, revolving with gear-engaged with the revolution axis, and having an orbit of the Earth including a model of the Earth,

wherein the Earth globe is structured to show the state of the Earth in a specific date as the same as that of the Earth corresponding to the specific data along the orbit of the Earth by separating the revolution axis from a toothed gear of the orbit of the Earth, rotating the orbit of the Earth to locate the model of the Earth at the specific data along the orbit of the Earth, and coupling the separated revolution axis with the orbit of the Earth.

11. The globe apparatus of claim 10, wherein the inferior planet revolution orbit unit is figured that a model of the Sun is placed at its center, and an orbit of the Mercury including a model of the Mercury, and an orbit of the Venus including a model of the Venus are placed to revolve individually around the model of the Sun and inside the orbit of the Earth; and

wherein days in a year unit, dates, divisions of the year in the lunar calendar, and a revolution cycle are marked on the base along the orbit of the Earth, and the locations changes of the Mercury and the Venus according to the day of the Earth based on the revolution cycle are indicated.

12. The globe apparatus of claim 11, wherein optical sources are provided inside the model of the Sun, the model of the Mercury, the model of the Venus, and the model of the Earth to emit light at night.